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Araneae
Biogeography and faunistics

About Hersiliidae Thorell, 1870 (Arachnida, Araneae) in Iran

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Hersiliidae (Arachnida, Araneae) is a small family consisting of 176 species and 15 genera, which due to their prominently long posterior lateral spinnerets are commonly known as two-tailed spiders. Most species are found in tropical/subtropical regions of the world, and their range rarely extends 40°N. The study of Hersiliidae in Iran is very recent: the first documentation of them was made by Marusik and Fet in 2009, when they described two new species from Iran, Hersiliola foordi and Duninia rheimsae, which the latter was based on the basis of the female sex only. Later in 2013, Mirshamsi et al. reported H. sternbergsi Marusik & Fet and D. baehrae Marusik & Fet, 2009 from Iran for the first time and provided the description of a new species, D. darvishi Mirshamsi & Marusik. In our current study, we provide data on the discovery of a new genus and its new species from southeastern Iran, and two other new species of Hersiliola and Hersilia, from Islands of Persian Gulf. As a result, the number of Iranian genera and species are increased to four and eight, respectively, which is the highest species diversity of this taxon in the Palaearctic.

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